

Table A-9

**Total Fertility Rate by Region and Country: 1990-2050**

Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
<b>WORLD</b>	3.3	2.9	2.7	2.7	2.6	2.5	2.3	2.0
Less Developed Countries	3.6	3.2	3.0	2.9	2.8	2.7	2.4	2.1
More Developed Countries	1.9	1.6	1.6	1.6	1.6	1.7	1.8	1.8
<b>AFRICA</b>	5.8	5.4	5.1	4.9	4.7	4.3	3.4	2.5
<b>Sub-Saharan Africa</b>	6.2	5.9	5.5	5.3	5.1	4.7	3.7	2.6
Angola	6.7	6.7	6.5	6.4	6.3	5.9	4.7	2.5
Benin	7.1	6.7	6.3	6.1	5.9	5.4	3.9	2.6
Botswana	4.8	4.2	3.6	3.4	3.1	2.7	2.2	2.0
Burkina Faso	6.9	6.8	6.5	6.4	6.2	5.9	4.9	3.4
Burundi	7.0	6.6	6.3	6.1	5.8	5.3	3.9	2.5
Cameroon	5.8	5.2	4.9	4.7	4.5	4.1	3.1	2.3
Cape Verde	5.9	5.0	4.2	3.9	3.5	3.0	2.2	2.0
Central African Republic	5.7	5.4	5.0	4.8	4.5	4.1	2.9	2.2
Chad	6.6	6.6	6.6	6.5	6.3	6.0	4.8	3.1
Comoros	5.7	5.6	5.4	5.3	5.1	4.8	3.8	2.7
Congo (Brazzaville)	5.4	4.7	4.0	3.8	3.4	3.0	2.3	2.0
Congo (Kinshasa)	7.0	7.2	6.9	6.8	6.5	6.1	4.7	2.9
Côte d'Ivoire	6.7	6.2	5.8	5.6	5.3	4.8	3.3	2.2
Djibouti	6.4	6.2	5.8	5.6	5.4	5.0	3.7	2.4
Equatorial Guinea	5.5	5.2	4.9	4.8	4.6	4.3	3.3	2.4
Eritrea	6.2	6.1	5.9	5.8	5.6	5.2	4.0	2.5
Ethiopia	6.7	6.3	5.9	5.7	5.3	4.8	3.3	2.2
Gabon	5.3	5.1	4.9	4.9	4.8	4.6	4.1	3.3
Gambia, The	6.4	6.1	5.8	5.6	5.4	5.0	3.7	2.5
Ghana	5.7	4.7	3.8	3.5	3.0	2.5	2.1	2.0
Guinea	6.2	6.2	6.0	5.9	5.8	5.6	5.0	3.8
Guinea-Bissau	5.9	5.6	5.3	5.1	4.9	4.6	3.6	2.5
Kenya	5.9	4.9	3.9	3.6	3.2	2.6	2.1	2.0
Lesotho	4.7	4.2	3.8	3.6	3.4	3.0	2.4	2.1
Liberia	6.6	5.9	6.4	6.3	6.1	5.7	4.5	2.9
Madagascar	6.2	6.0	5.8	5.8	5.7	5.5	4.9	3.9
Malawi	6.8	6.5	6.3	6.2	6.0	5.7	4.6	3.1
Mali	7.3	7.2	6.9	6.7	6.5	6.1	4.6	2.9
Mauritania	6.6	6.6	6.3	6.2	5.9	5.5	4.2	2.6
Mauritius	2.3	2.1	2.0	2.0	2.0	1.9	1.8	1.7
Mayotte	7.0	6.7	6.3	6.2	5.9	5.4	3.9	2.5
Mozambique	5.9	5.5	5.1	5.0	4.7	4.3	3.2	2.3
Namibia	5.5	5.2	4.9	4.8	4.6	4.3	3.4	2.4
Niger	7.5	7.5	7.2	7.0	6.8	6.3	4.6	2.7

Table A-9

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Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
Nigeria	6.5	6.1	5.7	5.5	5.2	4.8	3.6	2.5
Reunion	2.9	2.8	2.6	2.6	2.5	2.4	2.1	1.8
Rwanda	6.6	5.3	5.8	5.7	5.5	5.2	4.2	2.8
Saint Helena	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7
Sao Tome and Principe	6.4	6.3	6.1	6.0	5.7	5.2	3.5	2.1
Senegal	6.1	5.7	5.2	5.0	4.8	4.3	3.2	2.3
Seychelles	2.4	2.1	1.9	1.8	1.8	1.7	1.7	1.7
Sierra Leone	6.5	6.4	6.1	5.9	5.7	5.3	4.1	2.8
Somalia	7.3	6.3	7.2	7.0	6.8	6.4	5.0	3.0
South Africa	3.5	2.8	2.4	2.3	2.1	2.0	1.9	1.7
Sudan	6.5	6.0	5.5	5.2	4.9	4.2	2.8	2.1
Swaziland	5.5	4.9	4.3	4.0	3.7	3.2	2.4	2.1
Tanzania	6.2	5.9	5.5	5.3	5.1	4.6	3.4	2.4
Togo	6.9	6.3	5.5	5.1	4.6	3.8	2.4	2.0
Uganda	7.3	7.3	7.0	6.8	6.6	6.1	4.6	2.8
Zambia	6.5	6.1	5.6	5.4	5.0	4.5	3.2	2.3
Zimbabwe	4.8	4.1	3.8	3.7	3.5	3.3	2.6	2.2
<b>North Africa</b>	4.2	3.5	3.1	2.9	2.7	2.4	2.1	2.0
Algeria	4.3	3.5	2.8	2.6	2.4	2.2	2.0	2.0
Egypt	4.0	3.6	3.2	3.1	2.9	2.6	2.2	2.0
Libya	5.0	4.1	3.7	3.6	3.3	3.0	2.4	2.0
Morocco	4.4	3.7	3.1	3.0	2.7	2.5	2.1	2.0
Tunisia	3.3	2.6	2.0	1.9	1.8	1.7	1.7	1.7
Western Sahara	7.2	6.9	6.6	6.5	(NA)	(NA)	(NA)	(NA)
<b>NEAR EAST</b>	4.7	4.3	3.9	3.8	3.7	3.5	3.0	2.4
Bahrain	3.4	3.1	2.8	2.8	2.6	2.5	2.1	2.0
Cyprus	2.4	2.1	2.0	1.9	1.8	1.8	1.7	1.7
Gaza Strip	8.1	7.9	6.6	6.3	5.9	5.2	3.5	2.3
Iraq	6.1	5.5	4.9	4.6	4.3	3.8	2.7	2.1
Israel	3.0	2.8	2.6	2.5	2.4	2.3	2.0	1.8
Jordan	5.4	4.4	3.4	3.1	2.7	2.3	2.0	1.9
Kuwait	2.5	3.7	3.3	3.1	3.0	2.7	2.2	2.0
Lebanon	2.8	2.4	2.1	2.0	1.9	1.8	1.7	1.7
Oman	6.5	6.2	6.1	6.0	5.8	5.4	3.7	2.3
Qatar	4.4	3.7	3.3	3.1	2.9	2.6	2.2	2.0
Saudi Arabia	6.6	6.5	6.3	6.2	6.0	5.7	4.8	3.3
Syria	5.7	4.5	4.1	3.8	3.5	3.0	2.2	2.0
Turkey	3.1	2.5	2.2	2.1	1.9	1.8	1.7	1.7
United Arab Emirates	4.7	3.6	3.3	3.2	2.9	2.6	2.2	1.9
West Bank	5.9	5.3	5.0	4.8	4.4	3.8	2.7	2.1

Table A-9

**Total Fertility Rate by Region and Country: 1990-2050**

Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
Yemen	7.7	7.4	7.1	6.9	6.7	6.2	4.7	2.9
<b>ASIA</b>	3.1	2.7	2.5	2.4	2.3	2.3	2.0	1.9
Afghanistan	6.5	6.2	5.9	5.7	5.5	5.1	4.0	2.7
Bangladesh	(NA)	3.2	3.2	3.2	3.1	3.0	2.8	2.5
Bhutan	5.6	5.4	5.1	5.0	4.8	4.5	3.5	2.4
Brunei	3.1	2.9	2.5	2.4	2.3	2.2	2.0	2.0
Burma	3.1	2.7	2.4	2.2	2.0	1.9	1.7	1.7
Cambodia	6.0	4.7	3.8	3.6	3.4	3.1	2.7	2.0
China	2.2	1.8	1.7	1.7	1.7	1.8	1.8	1.7
China excl. Taiwan, Hong Kong S.A.R., and Macau S.A.R.	2.2	1.8	1.7	1.7	1.7	1.8	1.8	1.7
Hong Kong S.A.R.	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.6
Macau S.A.R.	(NA)	1.4	1.3	1.3	1.3	1.4	1.5	1.7
Taiwan	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.7
East Timor	5.1	4.5	4.1	3.9	3.6	3.2	2.4	2.1
India	3.8	3.4	3.1	3.0	2.8	2.6	2.2	2.0
Indonesia	3.0	2.8	2.6	2.5	2.4	2.3	2.0	1.7
Iran	4.9	3.2	2.3	2.1	1.9	1.8	1.7	1.7
Japan	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.7
Korea, North	2.5	2.1	2.4	2.3	2.2	1.9	1.8	1.7
Korea, South	1.6	1.8	1.5	1.6	1.6	1.6	1.6	1.7
Laos	6.4	5.7	5.2	5.0	4.8	4.3	3.0	2.0
Malaysia	3.5	3.4	3.3	3.2	3.1	2.9	2.6	2.2
Maldives	6.6	6.2	5.6	5.4	5.0	4.4	3.0	2.2
Mongolia	4.5	2.8	2.3	2.3	2.3	2.2	2.1	1.8
Nepal	5.7	5.2	4.7	4.5	4.2	3.7	2.7	2.1
Pakistan	6.2	5.4	4.6	4.3	3.8	3.2	2.3	2.0
Philippines	4.1	3.8	3.5	3.4	3.2	2.9	2.4	2.1
Singapore	1.6	1.3	1.2	1.2	1.3	1.3	1.5	1.7
Sri Lanka	2.4	2.2	2.0	1.9	1.9	1.8	1.7	1.7
Thailand	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7
Vietnam	3.7	2.8	2.3	2.3	2.2	2.1	2.0	1.7
<b>LATIN AMERICA AND THE CARIBBEAN</b>	3.2	2.9	2.6	2.5	2.4	2.2	2.0	1.9
Anguilla	2.4	2.0	1.8	1.8	1.7	1.7	1.7	1.7
Antigua and Barbuda	1.9	2.2	2.3	2.3	2.3	2.2	2.0	1.7
Argentina	3.0	2.6	2.4	2.3	2.2	2.0	1.8	1.7
Aruba	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
Bahamas, The	2.5	2.6	2.3	2.3	2.2	2.1	1.9	1.7

Table A-9

**Total Fertility Rate by Region and Country: 1990-2050**

Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
Barbados	1.9	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Belize	5.2	4.7	4.1	4.0	3.7	3.3	2.5	2.1
Bolivia	4.9	4.4	3.7	3.4	2.9	2.5	2.1	2.0
Brazil	2.6	2.5	2.1	2.1	1.9	1.8	1.7	1.7
Cayman Islands	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.7
Chile	2.7	2.4	2.2	2.1	2.0	1.9	1.7	1.7
Colombia	2.9	2.9	2.7	2.6	2.6	2.4	2.1	1.9
Costa Rica	3.2	2.8	2.5	2.4	2.3	2.1	1.8	1.7
Cuba	1.8	1.5	1.6	1.6	1.6	1.6	1.7	1.7
Dominica	2.6	2.3	2.0	2.0	2.0	1.9	1.7	1.7
Dominican Republic	3.3	3.2	3.0	2.9	2.9	2.7	2.4	2.2
Ecuador	4.0	3.6	3.2	3.1	2.9	2.6	2.2	2.0
El Salvador	3.8	3.6	3.4	3.3	3.2	3.0	2.5	2.2
French Guiana	3.7	3.4	3.2	3.1	3.0	2.8	2.5	2.1
Grenada	3.5	3.1	2.6	2.5	2.4	2.2	1.9	1.7
Guadeloupe	2.3	2.0	1.9	1.9	1.9	1.9	1.8	1.7
Guatemala	5.3	5.1	4.9	4.7	4.5	4.2	3.3	2.4
Guyana	2.5	2.2	2.1	2.1	2.1	2.0	2.0	1.7
Haiti	6.0	5.6	5.2	5.0	4.7	4.1	2.9	2.2
Honduras	5.3	4.8	4.4	4.2	3.9	3.4	2.5	2.1
Jamaica	2.7	2.5	2.1	2.0	2.0	1.9	1.7	1.7
Martinique	2.0	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Mexico	3.4	3.0	2.7	2.6	2.4	2.3	2.1	2.0
Montserrat	2.3	1.9	1.8	1.8	1.8	1.8	1.7	1.7
Netherlands Antilles	2.1	2.2	2.1	2.1	2.0	2.0	1.9	1.7
Nicaragua	4.6	3.9	3.3	3.1	2.8	2.5	2.1	2.0
Panama	3.1	2.9	2.6	2.6	2.5	2.3	1.9	1.7
Paraguay	4.6	4.4	4.2	4.1	3.9	3.7	3.1	2.5
Peru	4.1	3.5	3.0	2.9	2.7	2.4	2.1	2.0
Puerto Rico	2.3	2.1	2.0	2.0	2.0	2.0	1.9	1.7
Saint Kitts and Nevis	2.7	2.5	2.4	2.4	2.3	2.2	2.0	1.8
Saint Lucia	2.9	2.7	2.4	2.3	2.2	2.1	1.8	1.7
Saint Vincent and the Grenadines	2.7	2.8	2.1	2.0	1.9	1.8	1.7	1.7
Suriname	3.0	2.7	2.5	2.4	2.3	2.2	2.1	2.0
Trinidad and Tobago	2.4	2.2	1.8	1.8	1.8	1.7	1.7	1.7
Turks and Caicos Islands	3.6	3.4	3.3	3.2	3.1	2.9	2.5	2.1
Uruguay	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.0
Venezuela	3.5	2.9	2.5	2.4	2.3	2.1	2.0	2.0
Virgin Islands	3.0	2.7	2.3	2.2	2.2	2.1	2.0	1.8
Virgin Islands, British	2.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
<b>EUROPE AND THE NEW INDEPENDENT STATES</b>								
<b>Western Europe</b>	2.0	1.6	1.5	1.6	1.6	1.7	1.7	1.7
<b>Western Europe</b>								
Andorra	1.7	1.2	1.2	1.3	1.3	1.3	1.5	1.7
Austria	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.7
Belgium	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7
Denmark	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7
Faroe Islands	2.7	2.5	2.3	2.3	2.2	2.1	1.9	1.7
Finland	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7
France	1.8	1.7	1.9	1.9	1.8	1.8	1.8	1.7
Germany	1.5	1.2	1.4	1.4	1.4	1.4	1.5	1.7
Gibraltar	2.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Greece	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.7
Guernsey	1.6	1.3	1.3	1.4	1.4	1.4	1.5	1.7
Iceland	2.3	2.1	2.0	2.0	1.9	1.9	1.8	1.7
Ireland	2.1	1.9	1.9	1.9	1.9	1.9	1.8	1.7
Italy	(NA)	1.2	1.2	1.2	1.3	1.3	1.5	1.7
Jersey	(NA)	1.5	1.6	1.6	1.6	1.6	1.6	1.7
Liechtenstein	1.4	1.6	1.5	1.5	1.5	1.5	1.6	1.7
Luxembourg	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Malta	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.7
Man, Isle of	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.7
Monaco	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Netherlands	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.7
Norway	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.7
Portugal	(NA)	1.4	1.5	1.5	1.5	1.5	1.6	1.7
San Marino	1.5	1.1	1.3	1.3	1.3	1.4	1.5	1.7
Spain	(NA)	1.2	1.2	1.2	1.3	1.3	1.5	1.7
Sweden	2.1	1.7	1.5	1.5	1.5	1.6	1.6	1.7
Switzerland	1.6	1.4	1.5	1.5	1.5	1.5	1.6	1.7
United Kingdom	(NA)	1.7	1.7	1.7	1.7	1.7	1.7	1.7
<b>Eastern Europe</b>	2.1	1.6	1.4	1.4	1.4	1.4	1.5	1.7
<b>Eastern Europe</b>								
Albania	3.1	2.7	2.4	2.3	2.1	2.0	1.8	1.7
Bosnia and Herzegovina	(NA)	1.3	1.7	1.7	1.7	1.7	1.7	1.7
Bulgaria	(NA)	1.3	1.1	1.1	1.1	1.2	1.3	1.6
Croatia	(NA)	1.8	1.9	1.9	1.9	1.9	1.8	1.7
Czech Republic	(NA)	1.3	1.2	1.2	1.2	1.2	1.4	1.6
Hungary	1.9	1.6	1.3	1.3	1.3	1.3	1.4	1.6
Macedonia, The Former								
Yugoslav Republic of	(NA)	2.1	1.8	1.8	1.7	1.7	1.7	1.7

Table A-9

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Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
Poland	2.0	1.6	1.4	1.4	1.4	1.4	1.5	1.7
Romania	(NA)	1.3	1.4	1.4	1.4	1.4	1.5	1.7
Slovakia	(NA)	1.5	1.3	1.3	1.3	1.3	1.4	1.6
Slovenia	(NA)	1.3	1.3	1.3	1.3	1.3	1.4	1.7
Yugoslavia	(NA)	1.9	1.7	1.8	1.7	1.7	1.7	1.7
<b>New Independent States</b>	2.3	1.8	1.6	1.7	1.8	1.9	1.9	1.8
Baltics	2.0	1.4	1.2	1.3	1.4	1.6	1.7	1.5
Estonia	2.0	1.3	1.2	1.2	1.3	1.5	1.6	1.5
Latvia	2.0	1.3	1.1	1.2	1.3	1.4	1.6	1.5
Lithuania	2.0	1.5	1.3	1.4	1.5	1.7	1.7	1.6
Commonwealth of Independent States	2.3	1.8	1.6	1.7	1.8	1.9	1.9	1.8
Armenia	2.6	1.6	1.5	1.5	1.6	1.8	1.9	1.7
Azerbaijan	2.9	2.4	2.2	2.3	2.4	2.5	2.2	1.8
Belarus	1.9	1.4	1.3	1.3	1.4	1.6	1.7	1.5
Georgia	2.2	1.6	1.4	1.5	1.6	1.8	1.9	1.7
Kazakhstan	2.8	2.3	2.0	2.1	2.3	2.4	2.1	1.8
Kyrgyzstan	3.8	3.4	3.2	3.2	3.1	2.9	2.6	2.3
Moldova	2.4	1.8	1.6	1.7	1.8	2.0	1.9	1.6
Russia	2.0	1.4	1.2	1.3	1.4	1.6	1.7	1.5
Tajikistan	5.4	4.7	4.4	4.2	4.1	3.8	3.2	2.5
Turkmenistan	4.3	3.9	3.6	3.5	3.4	3.2	2.8	2.3
Ukraine	1.9	1.4	1.3	1.3	1.4	1.6	1.7	1.5
Uzbekistan	4.3	3.3	3.1	3.0	2.9	2.8	2.5	2.2
<b>NORTH AMERICA</b>	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.1
Bermuda	1.8	1.7	1.9	1.9	1.9	1.9	1.8	1.7
Canada	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.7
Greenland	2.4	2.5	2.4	2.4	2.4	2.4	2.3	2.1
Saint Pierre and Miquelon	2.4	2.3	2.1	2.1	2.0	2.0	1.8	1.7
United States	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.2
<b>OCEANIA</b>	2.6	2.5	2.3	2.3	2.3	2.2	2.0	1.8
American Samoa	4.6	3.9	3.6	3.4	3.1	2.7	2.1	2.0
Australia	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7
Cook Islands	3.4	3.3	3.1	3.1	(NA)	(NA)	(NA)	(NA)
Fiji	3.1	3.1	2.9	2.8	2.8	2.6	2.4	2.1
French Polynesia	3.3	2.6	2.3	2.2	2.0	1.9	1.7	1.7
Guam	3.3	3.8	4.0	3.7	3.4	2.9	2.2	2.0

Table A-9

**Total Fertility Rate by Region and Country: 1990-2050**

Region and country or area	1990	1995	2000	2002	2005	2010	2025	2050
Kiribati	4.8	4.6	4.4	4.3	4.2	4.0	3.3	2.5
Marshall Islands	5.7	4.7	4.4	4.2	3.9	3.5	2.6	2.1
Micronesia, Federated States of	4.2	4.0	3.8	3.8	(NA)	(NA)	(NA)	(NA)
Nauru	2.8	4.0	3.7	3.5	3.2	2.8	2.2	2.0
New Caledonia	3.2	2.8	2.5	2.4	2.3	2.2	1.9	1.7
New Zealand	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.7
Northern Mariana Islands	2.3	2.2	1.8	1.8	1.8	1.7	1.7	1.7
Palau	2.8	2.9	2.5	2.5	2.5	2.5	2.1	1.8
Papua New Guinea	5.1	4.8	4.4	4.2	4.0	3.5	2.6	2.1
Samoa	4.8	4.1	3.5	3.3	3.0	2.7	2.2	2.0
Solomon Islands	6.3	5.6	4.8	4.5	4.0	3.4	2.4	2.0
Tonga	4.7	4.1	3.2	3.0	3.0	2.0	2.0	2.0
Tuvalu	3.1	3.1	3.1	3.1	3.0	2.9	2.6	2.0
Vanuatu	5.0	4.0	3.3	3.1	2.8	2.4	2.1	2.0
Wallis and Futuna	3.7	3.1	2.6	2.4	(NA)	(NA)	(NA)	(NA)

NA Data not available.

Note: World and regional TFRs are weighted averages of country rates using total populations as weights. Countries lacking data for a specific year are excluded from the calculation of a regional rate for that year. For some regions, especially for 1990, regional TFR may not be representative of the region. Direct access to this table and the International Data Base is available through the Internet at <[www.census.gov/ipc/www](http://www.census.gov/ipc/www)>.

Source: U.S. Census Bureau, International Programs Center, International Data Base.

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